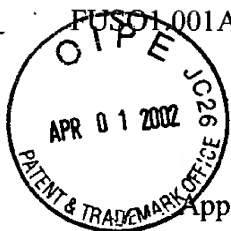


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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Shimizu et al.)	Group Art Unit 2881
App. No.	:	09/918,018)	
Filed	:	July 30, 2001)	
For	:	SEMICONDUCTOR LASER)	
	:	DEVICE HAVING LOWER)	
	:	THRESHOLD CURRENT)	
Examiner	:	Unknown)	

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INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

Enclosed is form PTO-1449 listing five (5) references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: March 27, 2002

By: Mark J. Gallagher
Mark J. Gallagher

Mark J. Gallagher
Registration No. 43,622
Attorney of Record
620 Newport Center Drive
Sixteenth Floor
Newport Beach, CA 92660
(949) 760-0404

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